

**MINUTES**  
**Maine Library of Geographic Information Board Meeting**  
 Wednesday, 15 August 2012  
 Rm. 402 COB, Augusta

10:13am

1. Introductions

<b>Attending</b>	<b>Present</b>	<b>On the Phone</b>
Gretchen Heldmann	X	
Bill Hanson		
Ken Murchison		X
Vinton Valentine	X	
Aimee Dubois Mountain	X	
Greg Davis		
Dan Walters		
Joseph Young	X	
Michael Smith	X	
Christopher Kroot	X	
Dan Coker		
Brian Norris	X	
Jon Giles	X	
Steve Weed	X	
<b>Guests:</b>		
Richard Grady - AppGeo	X	
Rick Hammond - Woolpert	X	
Claire Kiedrowski – Kappa Mapping	X	
Brad Adams - Woolpert	X	
Jeff Lovin - Woolpert	X	
Jon Cassidy - ESRI	X	

2. Approval of May meeting minutes – Chair

- a. JY motion approve all minutes from May 16, 2012 with amendments from VV on the education section, BN 2<sup>nd</sup>. All in favor, Chair voted (7 votes). CK, AM, SW abstain.

3. Membership Update

- a. County Seat – no update.
- b. Municipal – see if SW can be nominated to municipal, opens up Public. Maybe Aleena from Augusta water district could be Utilities rep.

4. App Geo – Return on Investment Draft Report Presentation

Recommendation going forward: now we have template to document benefits going forward, so keep using it. Used standard ROI analyses that have been around for decades and have not changed. Came up with use cases and focused on three of them for this study (forestry, stormwater, transportation). Based on stormwater alone could justify a case for imagery. High estimate for forestry would justify the program. High estimate on transportation would justify the program. Benefits based on ortho program in general, not a particular resolution of imagery. Some respondents said something is better than nothing but old grainy resolution also has a historic/research value.

Did interviews with case experts for the different areas to get real numbers and estimates of time and money savings. See slideshow – Project Approach, which outlines the steps used in the project, took a very conservative project overall. Matrix shows potential set of benefits, the few cells that are shaded teal are the ones focused on for this study – this demonstrates how conservative it is.

Slide of Project Approach Step Two details all the contacts that were reached out to for interviews for the different case studies. Benefits from case studies included: cost avoidance, revenue generation, increased productivity, higher quality results, time savings.

All three case studies were scaled to be statewide – so forestry scaled to represent benefits from different applications where and when they occur, stormwater scaled to represent all 29 municipalities in MS4 program, transportation scaled statewide for MDOT benefits, GPCOG benefits scaled to all COGs statewide, private sector benefits scaled to represent engineering firms serving airport sector.

Went through all details of what goes into the cost-benefit calculations – see slides on Components of CBA. All sorts of more details available on following slides and in report – big spreadsheets full of calculations.

Range of ROI 4.21 to 12.64 and if it is above zero, it is favorable for investment. Well how much above zero? Depends on the investment. This means for every \$1.00 invested you get back \$4.21 or more.

**Benefits range from \$10 million to \$30 million for an investment of \$2.4 million!!!!!!!!!!!!!!!!!!!!!!**

#### 5. Woolpert – Ortho imagery Update

Jeff runs geospatial business of Woolpert, and Brad works on the aerial part of the program.

All of ortho imagery cached and delivered to website and working way through QA/QC process. Southern area up and online. MS has hard drive with LAS files and grid info. Northern area has some cleanup work, estimate should be able to delivery early, about three weeks ahead of schedule. Review on three inch is pretty well done according to MS, the folks who looked at it had nothing bad to say. Six inch and two foot just recently loaded so can't comment on that. Lidar just recently delivered due to problem with LAS files, so the 30 day review window starts again.

Yesterday the team met to start reviewing material related to outreach. Working to do workshops in Bangor, Presque Isle, Farmington, Ellsworth in November and also looking to reach out to communities that would buy in 2013. Looking to talk to them in late September. Also going to ME Assessor's conference.

Rick went over promo materials and what each is for. Insert changed so one side is orthos and one side is lidar.

Gretchen emailed out log-in link and info to full board.

WMS: [maps.woolpert.com/wms?](http://maps.woolpert.com/wms?)

#### 6. Strategic Plan Implementation Groups

- a. Coordination and Communication – Mike Smith, Dan Walters
  - i. NEARC Booth – reminder to schedule staffing time for the booth on Sept/Oct agenda
- b. GeoParcels – Mike Smith

- i. Parcels Contract update – did get another chunk of parcels delivered in July, they are available on the catalog. Which towns were included are listed in the email sent out. Still having some trouble with towns providing data and/or have changed their mind and do not want to participate any more. Another delivery due end of August and on track for that.

Started working again on parcel viewer, so whatever is wanted for branding – logos, disclaimers, etc – those folks need to send that to Christopher and get working on that. Logos etc should just use what's on GeoLib website. GH instructed GeoParcels folks to review where they left off and resubmit info to CK, maybe have a conf call, etc. Those folks are: MS, AM, SW, JG, Judy CG, Nancy Armentrout.

c. Education & Training - Vinton Valentine

New Chair Transition – The new membership of the Maine GeoLibrary Education and Training Working Group is in place. They are:

Sue Bickford, Wells National Estuarine Research Reserve and University of New England  
Kathleen Dunkel, Unity College  
Sam Knight, Blue Marble Geographics  
Christopher Kroot, Maine Office of GIS  
Cathleen McAnneny, University of Maine Farmington and Maine Geographic Alliance  
Hope Rowan, Island Institute

Attempting to schedule first meeting around travel, vacations, and field season to appoint new leader and redefine goals, either next week or beginning part of Sep.

Students of Margaret Chernosky at Bangor High School placed 2nd and 3rd in the Best Student Presentation (K-12) category of the Map Gallery Competition at the esri User Conference in July.

Based on input that a few Maine education participants received at the esri Users Conference in July, there was a meeting on 7 Aug hosted by the Maine Geographic Alliance to discuss how to address a push by esri and the National Geographic Society for each state to have a state K12 license. Of course, the discussion noted the platform constraints of the current MLTI laptop program. The discussion then shifted to ArcGIS Online for Organizations, a recent cloud-based option, and ideas about how it could be used and managed. This option would take advantage of the results learned from an online GIS curriculum development project directed by Tora Johnson over the past year. Actions from the meeting included contacting other states who are part of the program to get a handle on implementation and associated issues, a conversation with Jeff Mao at ME Department of Education about possible roles and relationship to the upcoming MLTI renewal, and targeting grant sources to support the needed professional development activities.

Geospatial Technology Competency Model (GTCM) Workshop for higher education folks is scheduled for 23 August. The purpose is to have faculty begin work on assessing introductory GIS courses using the US Department of Labor model and the tools developed by the national GeoTech Center.

MEGUG Fall Conference, Friday Sep 21, Baxter State Park, Millinocket. Draft agenda is posted.

MEGUG has new Education Coordinator, Mike Smith.

d. Geospatial Data – Joe Young et al.

There is an interest from MDOT on a statewide lidar plan. Woolpert and others met with MDOT folks and looked at ROI data from Ohio about this. Much of conversation on elevation part as well as integration with four band imagery for environmental issues. They are interested in learning more, particularly with preplanning, stormwater, etc.

7. Committee Reports

a. Financial Committee – Chair

- i. Budget Retreat – GH, JY, MS – meet Thurs afternoon in Bangor prior to MEGUG meeting. Talk to BH if he's available.

b. Policy & Marketing Committee – Vinton Valentine

- i. Financial Checks and Balances Policy – waiting on BH comments, draft still in circulation. Final version for next meeting.

c. Technical Committee – Christopher Kroot

- i. GeoPortal Update and Discussion – Future of the Portal – CK spent afternoon at USM yesterday and they are installing new version of GeoNetwork. Once released, it will decrease the amount of custom code by 95%. A lot more to report at next meeting. VV working on options for future hosting, has emailed GH, MS, CK with some options and questions. Have a new motivated, capable student working on it. Good for another 3-6 months. Make priority at next meeting.

8. Guest Comments

No comments.

9. Recommendations for Next Agenda

MS motion adjourn, CK 2<sup>nd</sup>. No objections. 12:29pm

**NEXT SCHEDULED MEETING:** Wednesday, 19 September 2012, 10am – 12:30pm, Cross Office Building, Rm. 300, Augusta.